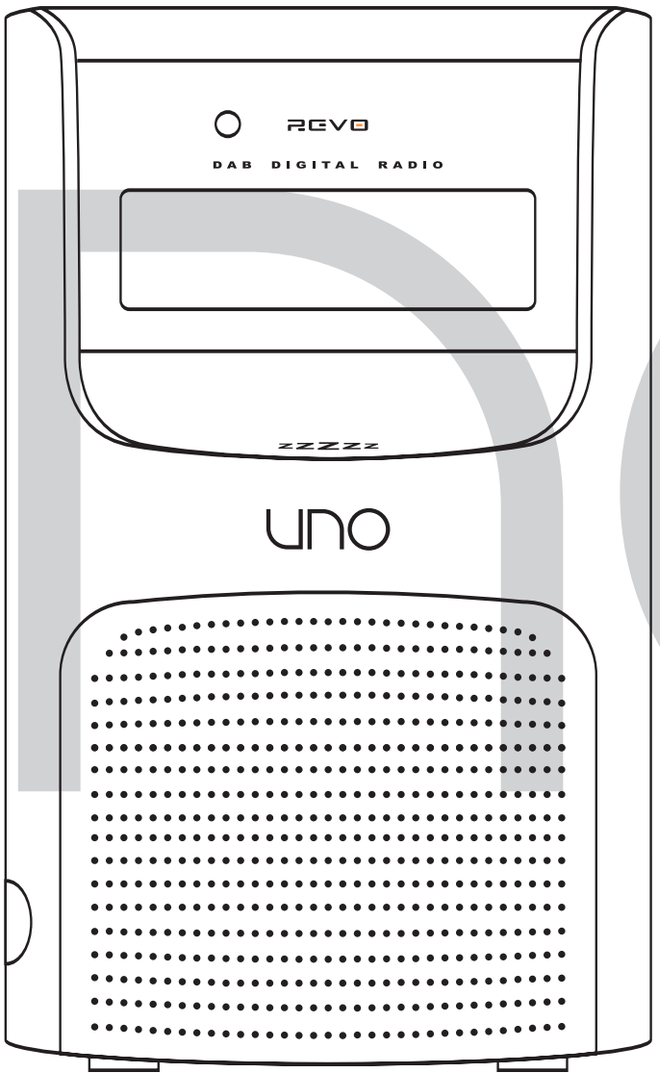
REVO®
DAB DIGITAL RADIO

DAB
Digital Audio Broadcasting



Operating Guide

Preface

Copyright and Acknowledgements

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The information in this guide is believed to be correct at the time of publication. However, our policy is one of continuous development and so the information is subject to change without notice.

Revo®, Uno™ and M-Port™ are trademarks or registered trademarks of Revo Technologies Limited.

iPod® is a registered trademark of Apple Computer, Inc.

Safety Warnings

Do not operate this radio near water.
Avoid small objects and liquids from getting into this product.
Do not remove screws or casing parts.
Use only the power supply unit supplied.

EEC: This product has been designed and type-tested to comply with EU requirements and carries a CE mark.

RoHS COMPLIANT CE

Technical Support

Should you encounter any difficulties with the operation of your radio, or should you suspect that it may be faulty in some way, please call our technical support department on the number below:

01555 666 161

Alternatively, email support@revo.co.uk or visit the troubleshooting section of our website at: www.revo.co.uk/support

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Welcome to Revo DAB

Thank you for buying our Uno™ DAB Digital Radio, we feel sure that it will provide you with years of enjoyment and reliable service.

This guide has been designed to quickly get you up-and-running and listening to DAB digital radio, offer guidance on the more complex features of this product and provide information on safety, warranty and registration.

Benefits of DAB Radio

- *Clear, interference free digital sound*
- *Many more stations, much more choice*
- *No frequencies, select by station name*
- *No re-tuning*
- *Text information via LCD screen*

Uno™ Overview

Uno™ combines high quality DAB and FM radio reception with sophisticated alarm clock functionality including 'snooze'.

Uno™ can also be used as a high quality speaker system for your iPod™ (or other MP3 player of external sound source).

Simply connect your device to Uno's M-Port™ using the audio lead supplied.

Warranty

Revo Technologies Ltd warrants to the purchaser that this product will be free from parts and manufacturing defects in the course of normal use for a period of one year from the date of purchase.

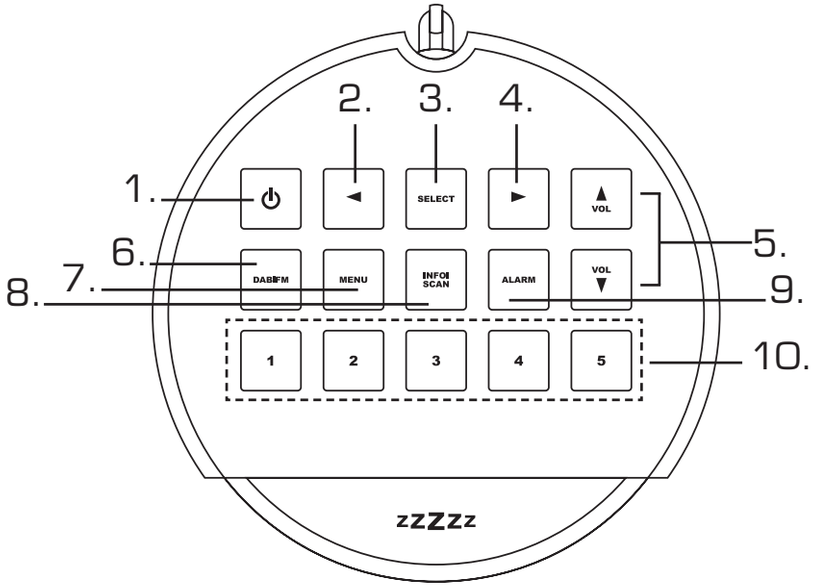
This warranty does not apply in cases of accidental damage, where the case has been removed, wear and tear, negligence, modification or inappropriate use.

Should you encounter problems with this product, please contact your supplier or alternatively see page 2 of this guide for technical support contact details.

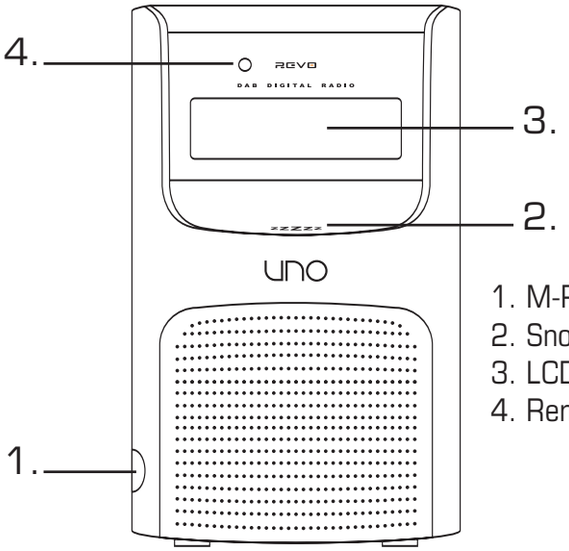
Warranty Registration

It is a warranty condition that you register your purchase by either completing the warranty card enclosed with your radio or alternatively registering online at *www.revo.co.uk/register*

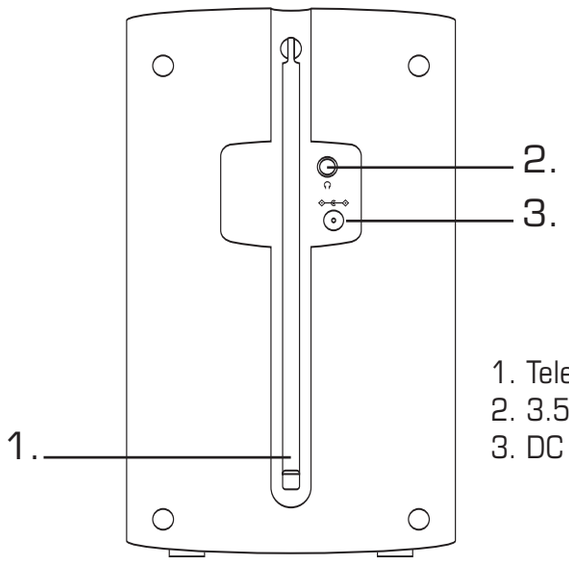
Controls and Connectors



1. Power
2. Scroll Left
3. Select
4. Scroll Right
5. Volume Up / Down
6. DAB/FM
7. Menu
8. Info/Scan
9. Alarm
10. Presets 1-5



1. M-Port
2. Snooze
3. LCD Screen
4. Remote Control Sensor



1. Telescopic Antenna
2. 3.5mm Headphone Socket
3. DC Power Socket

Powering Uno™

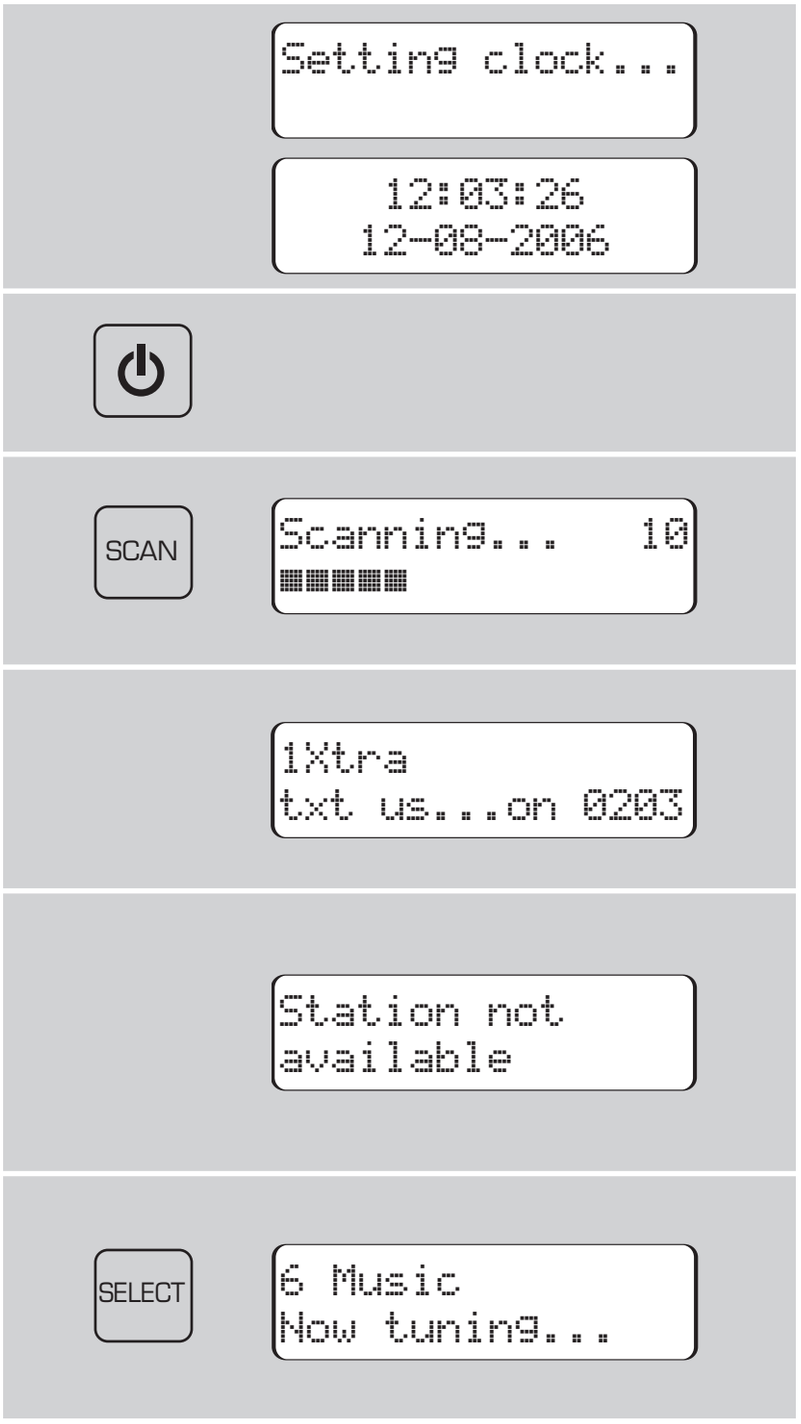
Your Uno™ radio is powered from the mains using the power adaptor supplied.

Insert the power adaptor plug into the DC power socket on the rear of Uno™. Pressing the ⏻ button will switch Uno™ on.

Only use the power adaptor supplied. Replacements are available, see page 15 for further details.

DAB Operation

- Extend the telescopic antenna found on the rear of Uno™.
- Uno™ will now set its clock automatically then go into standby mode.
- Press the power ⏻ button to switch on your radio.
- If this is the first time Uno™ has been used, press and hold the **SCAN** button. Uno™ will now scan for DAB stations in your area and store them in memory.
- When the station scan has been completed, stations will be displayed in numeric then alphabetic order. The first station in the list will be selected.
- If no DAB signal is found, it may be necessary for you to relocate your radio. Or visit *www.ukdigitalradio.com/coverage* to check that DAB coverage is available in your area.
- The top line of Uno's LCD screen shows the name of the station currently selected. Press the ◀ and ▶ buttons to scroll through the available stations. Press **SELECT** to select the chosen station.



To Change the Display Mode

- Uno™ has seven different display modes.

Press the **INFO/SCAN** button to cycle through each mode.

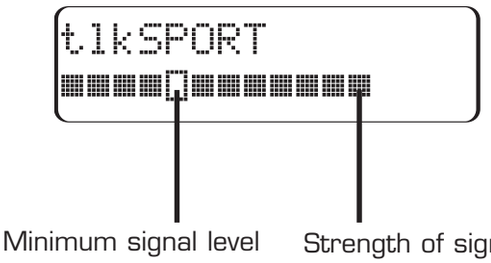
These display modes are explained in the table below:

Display option	Example
Normal display with scrolling text	BBC Radio 1 calls cost max
Type of broadcast	BBC Radio 1 Pop Music
Broadcaster	BBC Radio 1 BBC National DAB
Time and date	BBC Radio 1 12:34 22-02-2005
Station name and frequency	BBC Radio 1 12B 225.64MHz
Data rate and stereo/mono	BBC Radio 1 128kbps Stereo
Signal strength	BBC Radio 1 Sig strength 96

To Show the Signal Strength

- Press **SELECT**

The display shows a signal bar with the strength of the current station:



The indicator on the signal bar shows the minimum acceptable signal level.

Stations with a signal strength below this level will not provide a steady stream of unbroken audio.

Finding and Adding New Stations

As time passes, new stations will become available in your area. To find them and add them to your station list, simply press and hold the **SCAN** button for at least two seconds.

Removing 'Unavailable' Stations

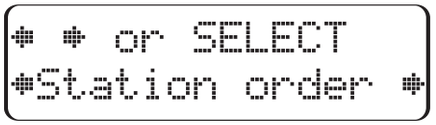
To remove 'unavailable' stations from Uno's station list, ie. those that display a ? before the station name, see the 'Menu Options' section on page 8.

Menu Options

Uno™ has a number of functions that are accessed through the **MENU** button.

To change station order

■ Press **MENU**, then press ◀ or ▶ until the name of the option is displayed:



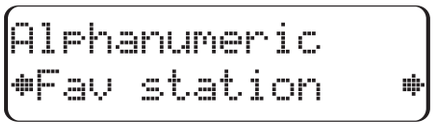
■ Press **SELECT** to select your choice.

To specify the order in which stations are displayed

Select the **Station order** option.

■ The top line of the display shows the currently selected station order and allows you to change it.

Press ◀ or ▶ to step between the station order options:



Press **SELECT** to select the current option.

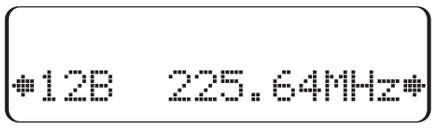
The following table describes the options available under the 'Station Order' menu:

Station order	Description
Fav station	Lists the most frequently selected stations first.
Alphanumeric	Displays all stations in alphanumeric order.
Active station	Lists active stations [ones that are currently broadcasting] before inactive ones.
Prune stations	Remove inactive stations from the station list.

To use manual tuning

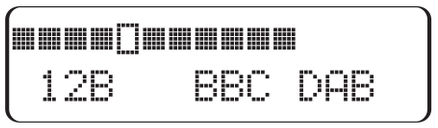
■ Select the **Manual tune** option.

The display shows the current station number and frequency:



■ Press ◀ or ▶ to step between the stations and press **SELECT** to select the current station.

If there is a station corresponding to this station number and frequency the display will show the station name, and a tuning meter showing the signal strength.

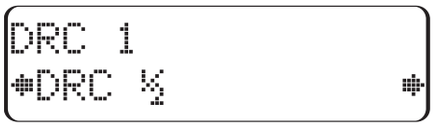


To set the dynamic range control

Uno™ includes a dynamic range control that automatically boosts the volume of quieter sounds for listening in noisy environments.

■ Select the **DRC value** option.

The display shows the current DRC value and allows you to adjust it:



The DRC value can be switched between the following options:

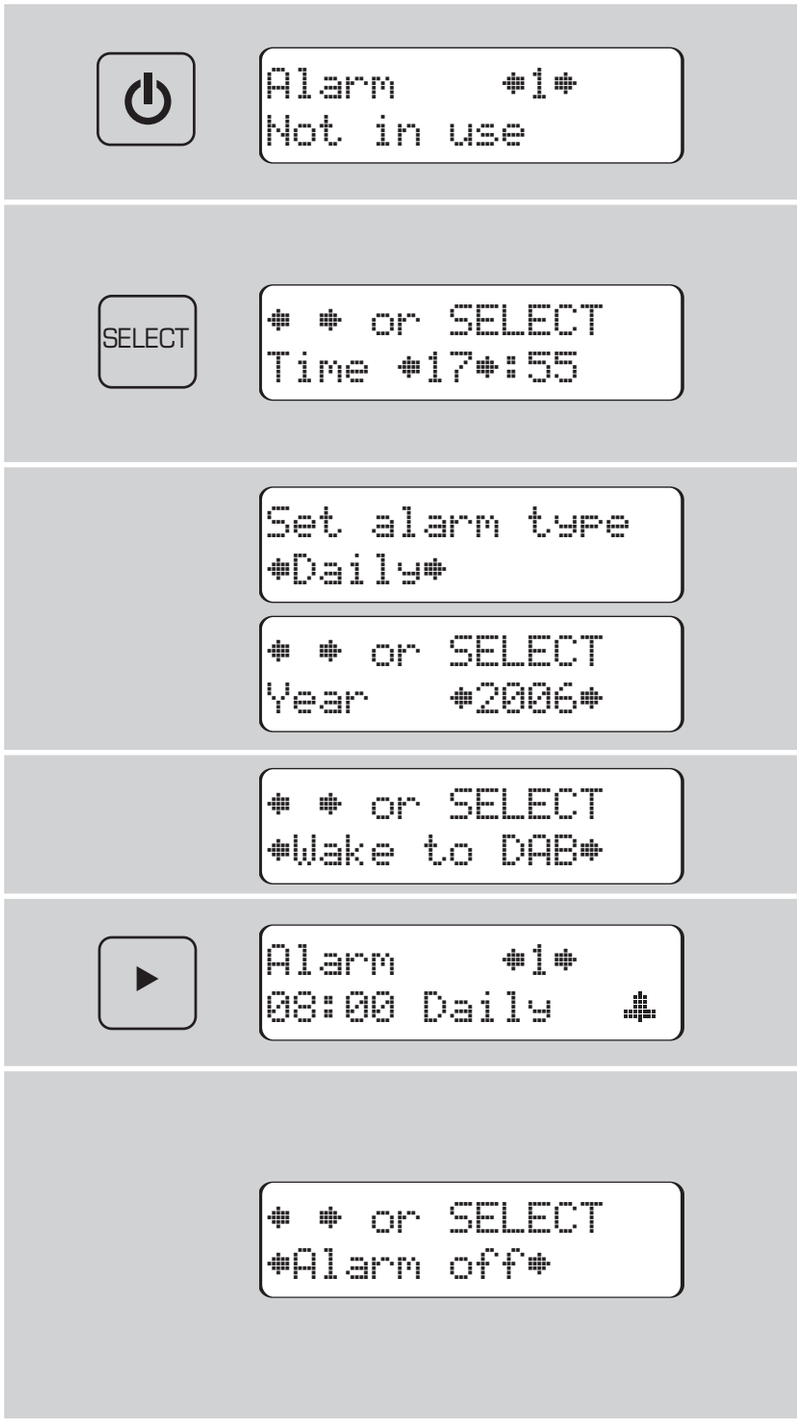
DRC	Description
DRC 0	Dynamic Range Control is switched off
DRC 1/2	Dynamic Range Control is set to half normal level.
DRC 1	Dynamic Range Control is switched on; the default setting recommended for noisy environments.

To display the software version number

■ Press the **MENU** button then use the ◀ and ▶ buttons to scroll across to **SW VERSION**. The software version number is displayed on the top line of the display. You should specify this when speaking to Revo Technical Support.

Alarm

- Press the ⏻ button to switch on your radio then press the **ALARM** button. Uno™ allows you to store up to four different alarm programmes.
- To set an alarm press the **SELECT** button. Uno™ will now ask you to set the wake-up time. Use the ◀ ▶ and **SELECT** buttons to set the hour, then minute.
- Uno™ allows you to set a Daily, Weekday, Weekend or one-off alarm. If you select a one-off alarm, Uno™ will ask you to enter the year, month and day.
- Finally, Uno™ will ask you what type of alarm you would like, DAB, FM or Buzzer.
- When an alarm has been set, Uno™ will display the alarm details. These can be reviewed by using the ◀ ▶ buttons.
- To halt an alarm, press any button on Uno's keypad. Alternatively, tap the snooze panel (zzZzz) to mute the alarm for a period of 5 minutes. The alarm will repeat again after this time has elapsed.
  To cancel a pre-set alarm, press the **ALARM** button, cycle through the options until 'Alarm Off' is displayed, then **SELECT**.



FM Operation

- To listen to FM radio stations switch Uno™ on and press the **DAB/FM** button.

- If this is the first time Uno™ has been in FM mode, it will start at the beginning of the FM frequency range. Otherwise, the last FM station you were listening to will be selected.

- To scan through the FM frequency range press the ◀ or ▶ buttons.

- To 'SEEK' next active station, press and hold the **SCAN** button.

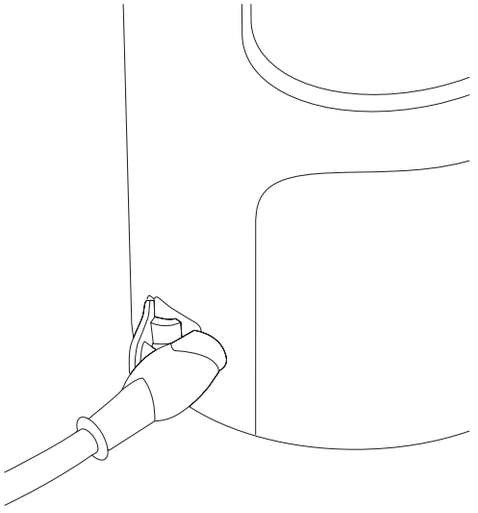
- Uno™ can store five FM presets. To store the current station press and hold one of the preset buttons (1 - 5).

- To select a stored FM station, simply press the corresponding preset key (1-5).

M-Port™

Using M-Port™

- Revo's M-Port™ technology allows for quick and easy connection of an iPod®, similar MP3 player or sound source.
- Using the connection lead supplied, Uno™ is transformed into a high quality digital audio speaker system.
- Connect one end of the supplied audio lead to the headphone (or auxiliary out) socket of your source device, then connect the other end to the M-Port™ on the side of Uno™.



- Uno's LCD screen will now display the words "M-Port Active".

- You should adjust the output volume level on both the source device and on Uno™ itself to gain optimal volume levels and sound performance.
- We suggest that you set Uno's volume to '18', then control the overall volume of your music by adjusting the volume level on the source device.

Trouble-Shooting

Q. I hear a 'burbling' noise on some stations.

A. If the signal strength is too low, a break-up in reception can occur. This sound is the result. Make sure that Uno's antenna is fully extended and in an upright position. If the problem persists, move Uno™ to another location or check that you are in an area where reception of this station is possible (visit www.ukdigitalradio.com/coverage to check).

Q. I get a '?' before some stations in my station list, and don't seem to be able to select them.

A. '?' before a station name means that it is either inactive or unavailable. This can be because they are not currently broadcasting, you are outside their broadcast area or you have simply lost reception. To remove inactive or unavailable stations press the **MENU** button and go to the 'Prune Stations' option (available through the Station Order menu).

Q. I get a 'No stations available' message?

A. Make sure that your antenna is fully extended and vertical. Check the signal strength and move your Uno™ to another location if necessary.

Q. I get a 'clock not set' message.

A. Uno™ needs to be able to pick-up a DAB signal to set its clock, since the time is taken from a radio station broadcast. Try turning Uno™ on and pressing the **SCAN** button. If Uno™ can find a DAB station, it can then set its clock.

Technical Specification

General:	Mono DAB and FM radio with full Band III reception.
Speaker:	2” full-range neodymium, 8W power handling
Audio Power Output:	2W
Frequency Ranges:	DAB Band III (174 - 240 MHz) FM (87.5 - 108 MHz)
Antenna:	Integral telescopic aerial
Input Connectors:	DC power adaptor socket (230V adapter supplied) 3.5mm line-in for auxiliary devices (M-Port)
Output Connector:	3.5mm headphone socket
LCD Display:	High resolution 2 x 16 character negative display
Alarm Clock:	Alarm clock functionality with ‘snooze’ function
Controls:	Power, left, right, select, volume up/down, alarm, scan/info, menu, DAB/FM, presets (x5)
Remote Control:	Infra-red remote control (optional accessory)
Mains Power Supply:	12V 1.2mA
Approvals:	CE marked and RoHS compliant.
Dimensions:	167mm (H) x 105mm (W) x 105mm (D)

Accessories and Spares

The following optional accessories and spare parts are available for Uno™.
Please contact your local retailer or alternatively call us on 01555 666 161.
Accessories and spare parts can also be purchased online at www.revo.co.uk

Remote Control:

Control your Uno™ with our compact infra-red remote control

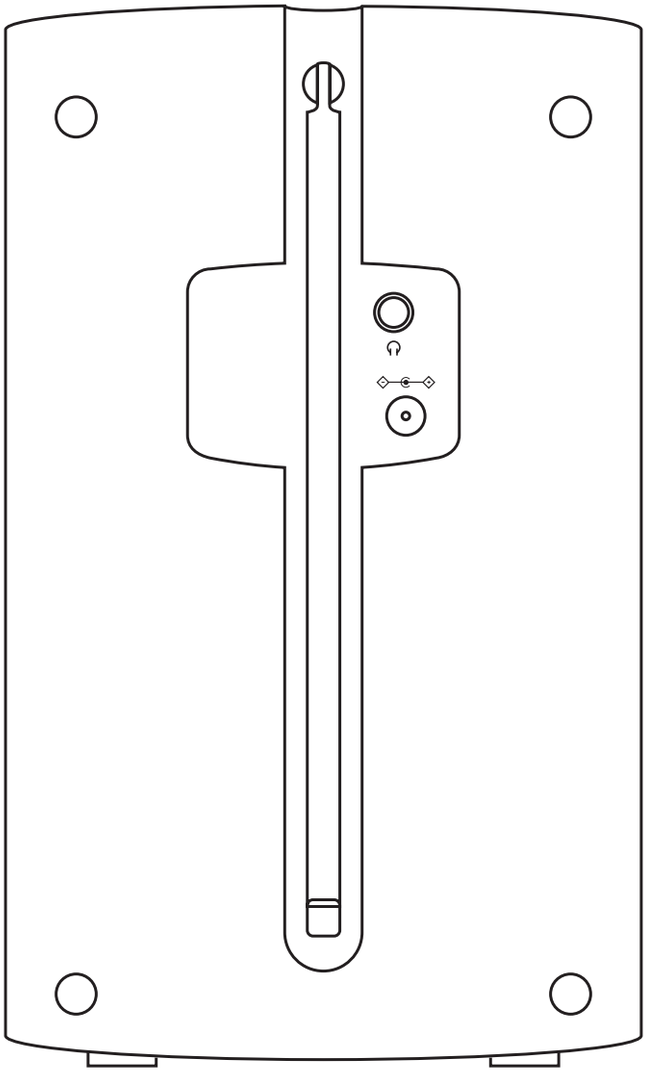
Mains Power Supply Unit:

Replacement power supply as supplied with Uno™.

M-Port™ Lead:

Used to connect an iPod® (or similar device) to Uno™.

DAB DIGITAL RADIO



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